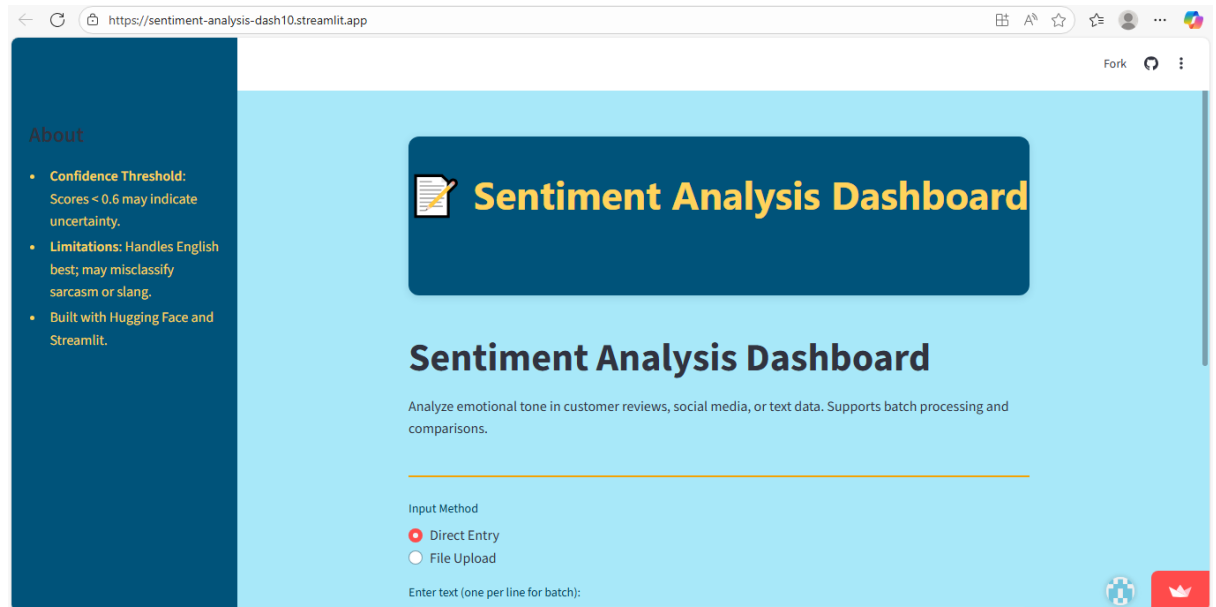


1. User guide for Sentiment Analysis

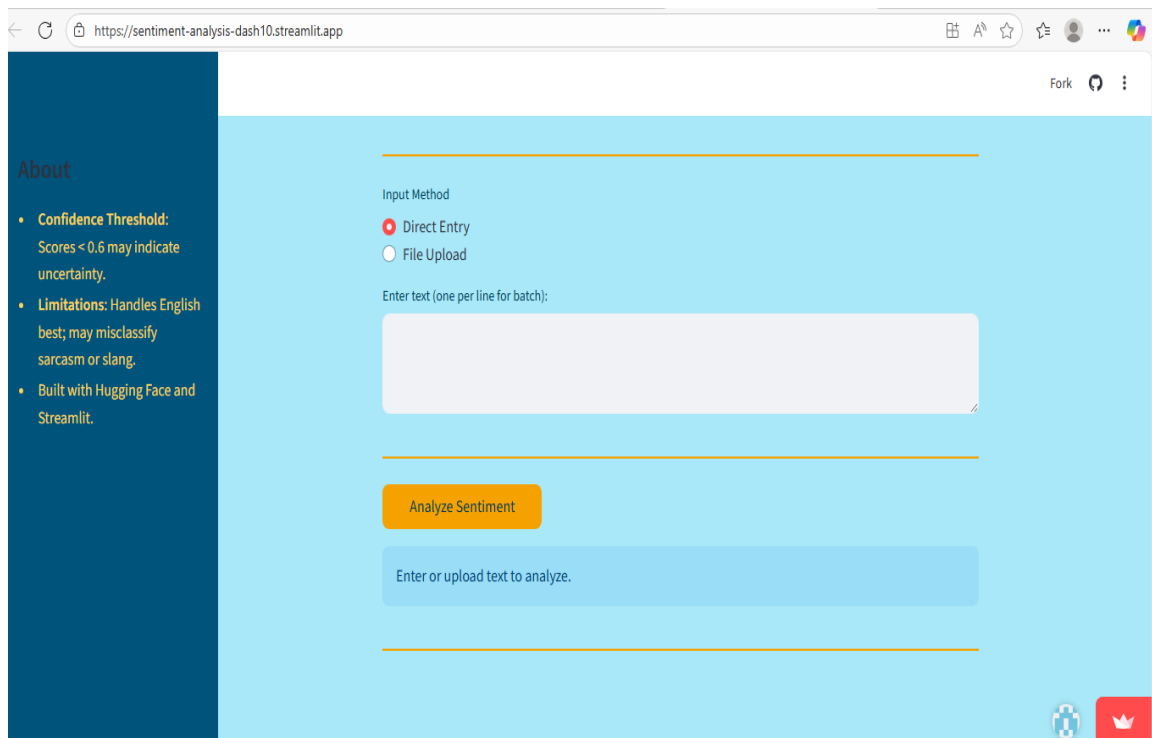
This guide explains how to use the for-text analysis. It includes step-by-step instructions, examples, and troubleshooting tips.

1. Click on the link and the dashboard will pop up

[Streamlit](https://sentiment-analysis-dash10.streamlit.app)



2. Scroll down to the part where you will see the input method and part where you enter the text.



3. The Direct Entry is when you enter the text that you will review if it is positive, or negative

About

- **Confidence Threshold:**
Scores < 0.6 may indicate uncertainty.
- **Limitations:** Handles English best; may misclassify sarcasm or slang.
- **Built with** Hugging Face and Streamlit.

Fork

comparisons.

Input Method



☒ Direct Entry

☐ File Upload

Enter text (one per line for batch):

Analyze Sentiment

Enter or upload text to analyze.

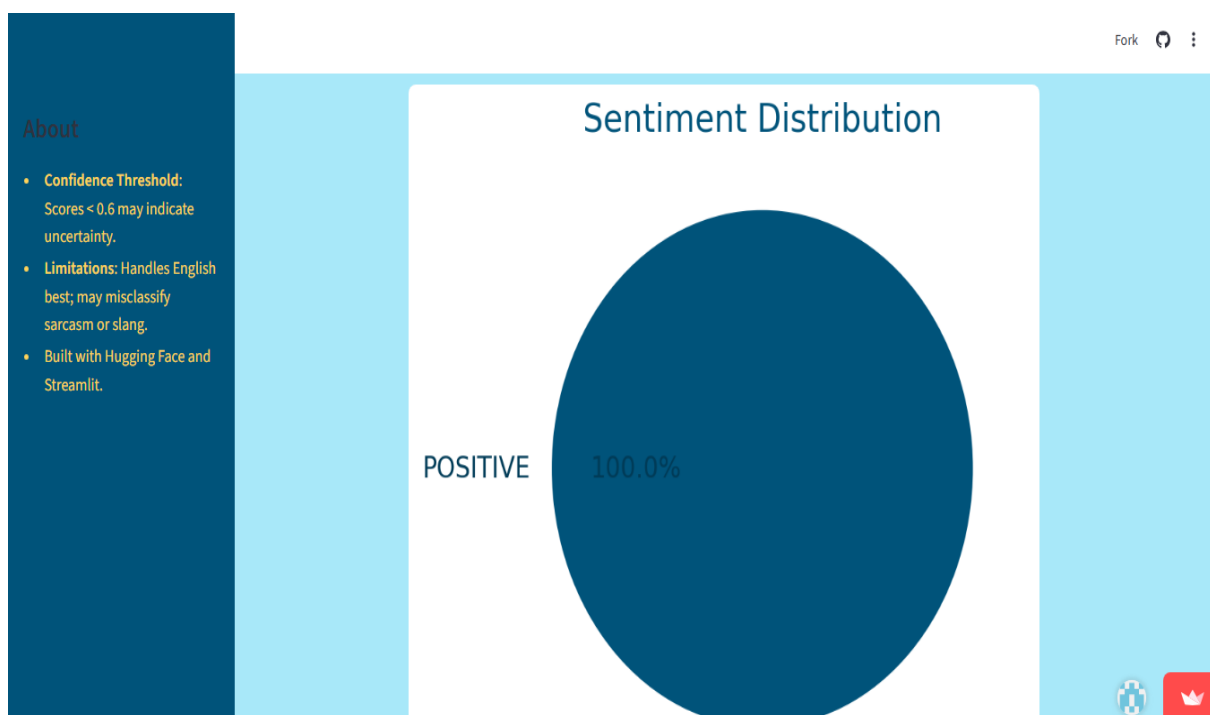
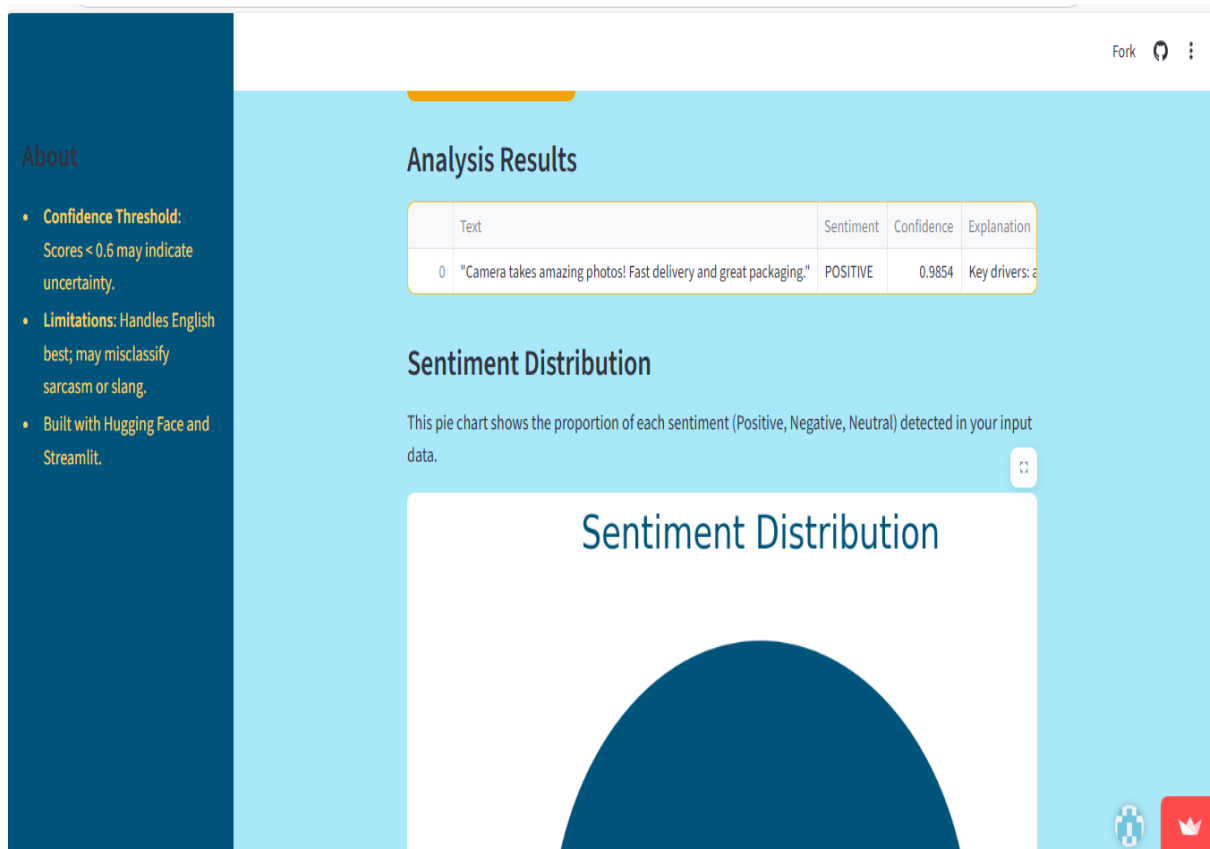


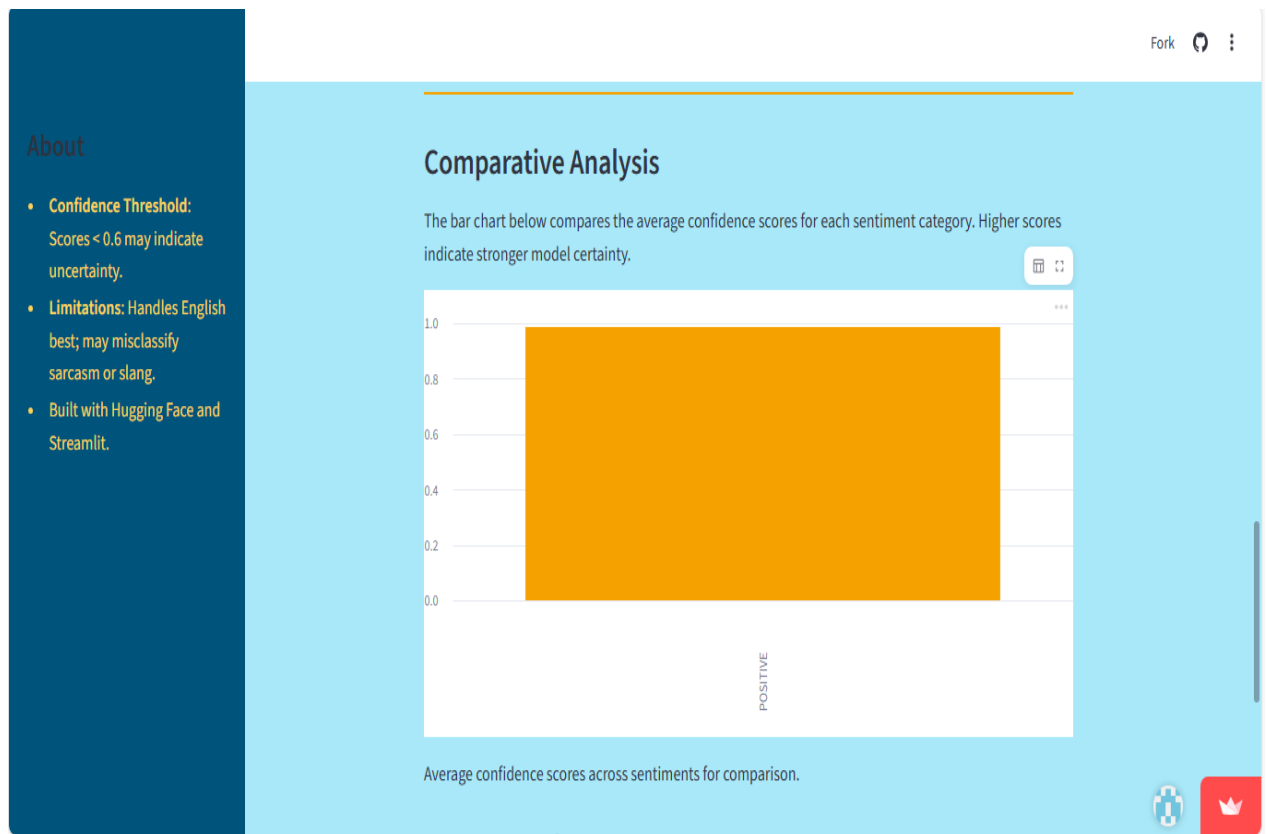
4. You drag and drop the file or you browse the file in your file explorer. It will analyse the file to distinguish the negative or positive review.

The screenshot shows the 'Sentiment Analysis Dashboard' interface. On the left is a dark blue sidebar with an 'About' section containing three bullet points: 'Confidence Threshold: Scores < 0.6 may indicate uncertainty.', 'Limitations: Handles English best; may misclassify sarcasm or slang.', and 'Built with Hugging Face and Streamlit.' The main content area has a light blue background. At the top, it says 'comparisons.' followed by a horizontal line. Below this is the 'Input Method' section with two radio buttons: 'Direct Entry' (unselected) and 'File Upload' (selected). Underneath is the text 'Upload CSV or TXT (one text per row/line)'. A large light purple box contains a cloud upload icon, the text 'Drag and drop file here', and 'Limit 200MB per file • CSV, TXT'. To the right of this box is a 'Browse files' button. Below the upload section is an orange 'Analyze Sentiment' button. At the bottom is a light blue input box with the placeholder text 'Enter or upload text to analyze.' The top right corner has 'Fork', a refresh icon, and a menu icon. The bottom right corner has a GitHub icon and a red crown icon.

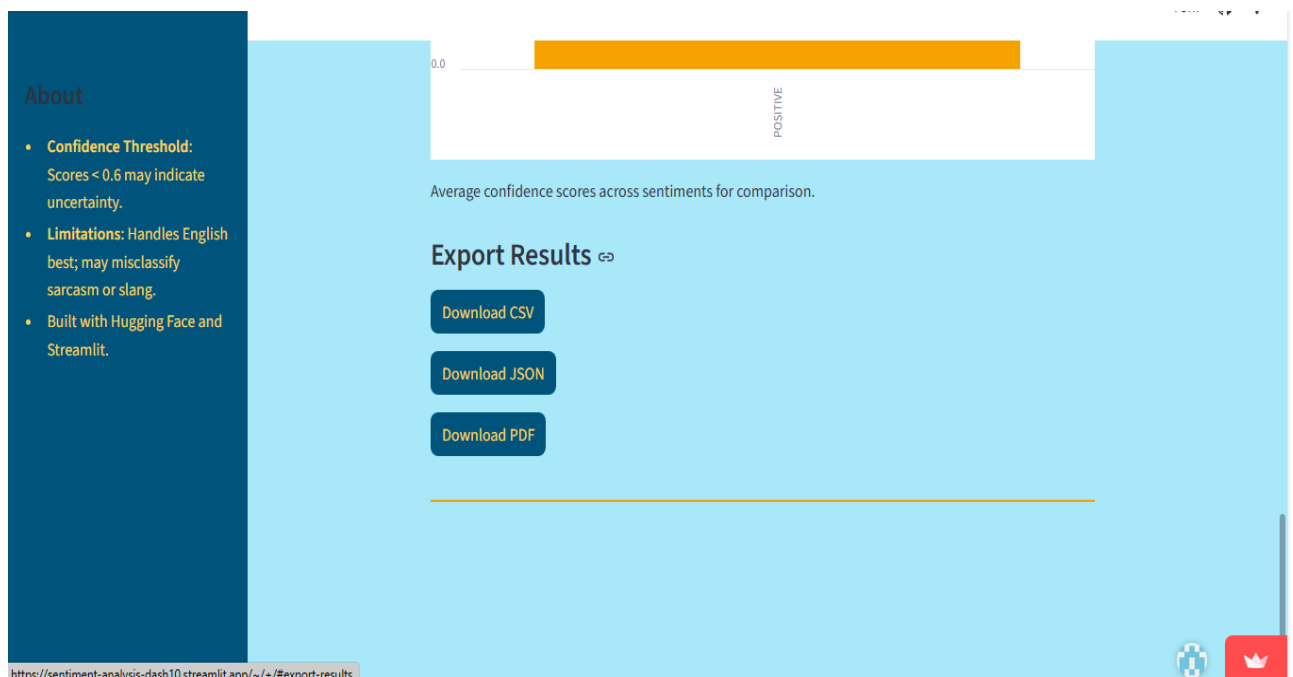
5. A positive review with the pie chart analysis, analysis results and comparative analysis.

The screenshot shows the 'Sentiment Analysis Dashboard' interface. On the left is a dark blue sidebar with an 'About' section containing three bullet points: 'Confidence Threshold: Scores < 0.6 may indicate uncertainty.', 'Limitations: Handles English best; may misclassify sarcasm or slang.', and 'Built with Hugging Face and Streamlit.' The main content area has a light blue background. At the top, it says 'Analyze emotional tone in customer reviews, social media, or text data. Supports batch processing and comparisons.' followed by a horizontal line. Below this is the 'Input Method' section with two radio buttons: 'Direct Entry' (selected) and 'File Upload' (unselected). Underneath is the text 'Enter text (one per line for batch):'. A large light purple box contains a text input field with the value '"Camera takes amazing photos! Fast delivery and great packaging."' and a small hint 'Press Ctrl+Enter to apply'. Below the input section is an orange 'Analyze Sentiment' button. At the bottom is a light blue input box with the placeholder text 'Enter or upload text to analyze.' The top right corner has 'Fork', a refresh icon, and a menu icon. The bottom right corner has a GitHub icon and a red crown icon.





6. You can choose the file you want to export the results



7. The option to use the drag and drop the file with the pie chart analysis, analysis results and comparative analysis.

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Fork

Sentiment Analysis Dashboard

Analyze emotional tone in customer reviews, social media, or text data. Supports batch processing and comparisons.

Input Method

☐ Direct Entry

☒ File Upload

Upload CSV or TXT (one text per row/line)

Drag and drop file here
Limit 200MB per file • CSV, TXT

Browse files

takealot_tech_reviews_no_ratings.csv

22.0KB

X

Analyze Sentiment

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Analyze Sentiment

Analysis Results

	Text	Sentiment	Confidence
0	1,2025-01-15,Smartphone,"Purchased a new smartphone from Takealot. The phone is great, fast, and the camera is excellent. Highly recommend!"	POSITIVE	0.9588
1	2,2025-01-16,Laptop,"Ordered a laptop, but it arrived with a scratched screen. Customer service was unhelpful. Disappointed."	NEGATIVE	0.9292
2	3,2025-01-17,Headphones,"Amazing sound quality on these headphones! Fast delivery and great packaging. Love them!"	POSITIVE	0.9837
3	4,2025-01-18,Smartwatch,"The smartwatch is decent, but the battery life is shorter than advertised. Needs more features for the price."	NEGATIVE	0.8515
4	5,2025-01-19,Tablet,"Received a tablet that was clearly used, not new as described. Needs a refund. Very disappointed."	NEGATIVE	0.9089
5	6,2025-01-20,Gaming Console,"Console works perfectly, and my kids love it. Delivery was quick and easy. Great purchase!"	POSITIVE	0.9748
6	7,2025-01-21,TV,"Bought a 55-inch TV during a sale. Price was unbeatable, and delivery was on time. Very satisfied!"	POSITIVE	0.9684
7	8,2025-01-22,Wireless Router,"Router stopped working after a week. Customer service is slow to respond. Frustrated."	NEGATIVE	0.8681
8	9,2025-01-23,External Hard Drive,"Great storage capacity and speed. Delivery was a bit slow, but the product is excellent."	POSITIVE	0.9626
9	10,2025-01-24,Smart Speaker,"The speaker has good sound, but setup was tricky. No instructions provided. Average experience."	NEGATIVE	0.8687

Sentiment Distribution

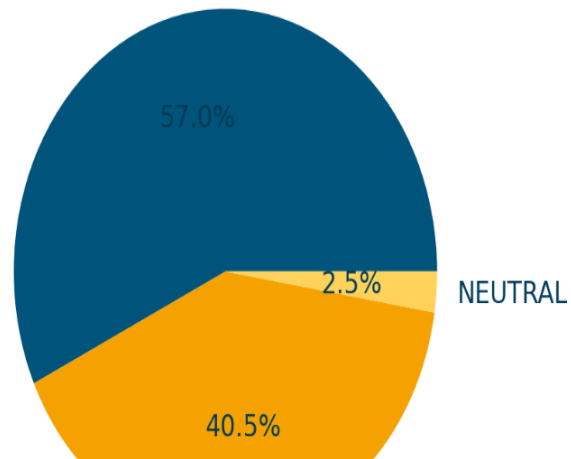
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This pie chart shows the proportion of each sentiment (Positive, Negative, Neutral) detected in your input data.

Sentiment Distribution

POSITIVE

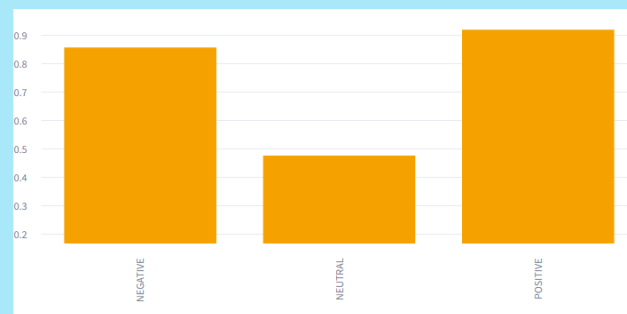


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Comparative Analysis

The bar chart below compares the average confidence scores for each sentiment category. Higher scores indicate stronger model certainty.



Average confidence scores across sentiments for comparison.

Export Results